

09/891689

**DEACTIVATED ELECTRO-OPTIC MATERIAL
AND METHOD OF FORMING THE SAME**

Abstract of the Disclosure

5 An electro-optically deactivated transmissive material comprises a plurality of
chemicals which are sufficient, in combination, to enable formation of an electro-optic
material having an index of refraction that is responsive to an electric field. The
chemicals are combined with a glassifier so as to form a transmissive material that is
less responsive to the electric field than said electro-optic material. The deactivated
10 material has substantially the same refractive index as the electro-optic material in the
absence of an electric field. In a preferred embodiment, the deactivated material is
arranged with active material to form an optical switch.

15 R:\DOCS\LHL\LHL-1756.DOC
022601

09891689-062601